

Appl. No.: 09/829,481

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Page 2

Amendments to the Claims:

1. (currently amended) An isolated polynucleotide comprising:
- (a) a nucleotide sequence encoding a polypeptide having defensin activity, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least ~~[[90%]]~~ 95% sequence identity, or
 - (b) the complement of the nucleotide sequence.

2. (cancelled)

3. (currently amended) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least 90% sequence identity ~~based on the Clustal alignment method.~~

4. (currently amended) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least 95% sequence identity ~~based on the Clustal alignment method.~~

5. (previously presented) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide comprises the amino acid sequence of SEQ ID NO:4.

6. (previously presented) The isolated polynucleotide of Claim 1, wherein the nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:3.

7. (previously presented) A recombinant DNA construct comprising the polynucleotide of Claim 1 linked to at least one regulatory sequence.

8. (original) A vector comprising the polynucleotide of Claim 1.